

# SAFE-T-DRIFT®

CE Conformity

## Conveyor Belt Misalignment Switch



*Photograph displays vertical roller arm fitted. Order as separate item.*



Made in Western Australia

The **SAFE-T-DRIFT** Heavy Duty Belt Misalignment Switch, is made for applications requiring a unit which caters for high speed belt applications, having a pre-warn trip contact and a final trip contact, both individually adjustable.

Dual operation (ie. right hand/left hand is also available). It's unique spring/cam operator ensures long, trouble free operation, in the most severe environmental situations.

### FEATURES

#### Switch Unit:

- 316 2mm electro polished stainless steel enclosure to IP67.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant (V0 rated) PBT/PC plastic, for long maintenance free operation.
- Operating shaft sealing via a double lip oil seal, with external dust protecting boot.
- 90° full movement of operating arm with easily adjustable switching points from 5° to 75°.
- Standard unit has both ALARM & TRIP micro switches, each with 1no + 1nc change over contacts
- Micro switches pre wired to tunnel terminals.

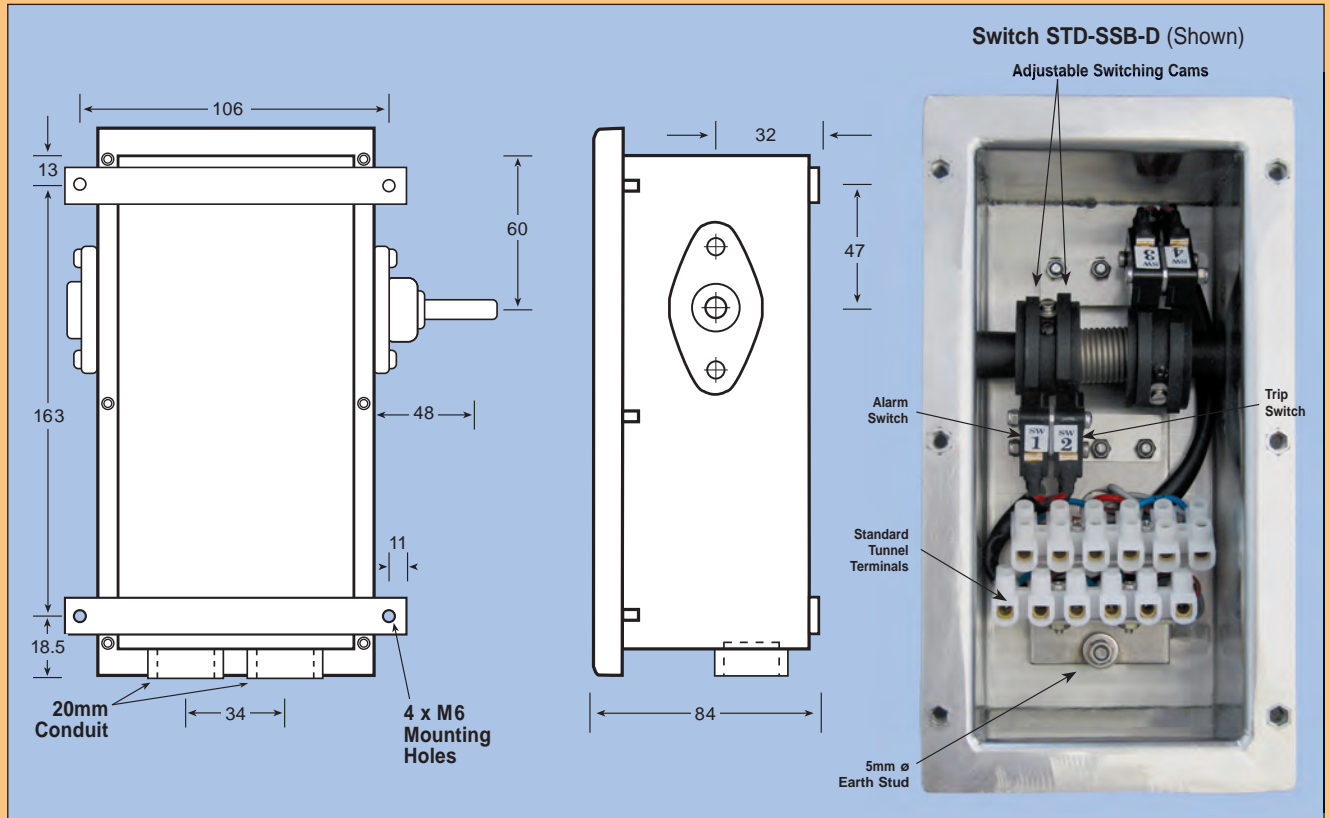
#### Roller Arms:

- Solid or sprung shaft roller mounting arms, available either vertical or horizontal.
- Rollers are Stainless Steel, 50mm diameter with high speed sealed ball bearings.
- Arms are fully adjustable through 360°.

## BELT MISALIGNMENT SWITCH

# SAFE-T-DRIFT

## DIMENSIONS



## SWITCHING CAPACITY PER LOAD (REFERENCE VALUES)

Model	Voltage	Non-Inductive Load				Inductive Load			
		Resistive Load		Lamp Load		Inductive Load		Motor Load	
		NC	NO	NC	NO	NC	NO	NC	NO
V-15	250 VAC	15 A		2A		10 A		3 A	
	8 VDC	15A		4 A		10 A		6 A	
	30 VDC	10 A		4 A		10 A		4 A	
	125 VDC	0.6 A		0.1 A		0.6 A		0.1 A	
	250VDC	0.3 A		0.05 A		0.3 A		0.05 A	

## ORDERING DETAILS

NOTE: Order Switch Unit and Roller Arm

Standard Switch	STD-SSB
Dual Switching	STD-SSB-D
Standard Switch w/- spec Terminals	STD-SSB-K
Dual Switching w/- spec Terminals	STD-SSB-D-K
Horizontal Roller Arm	STD-HA-SS
Horizontal Sprung Roller Arm	STD-HASR-SS
Vertical Roller Arm	STD-VA
Vertical Sprung Roller Arm	STD-VASR

Other variations available: See price list

## ENCLOSURE SPECIFICATIONS

2mm 316 electro polished stainless steel.

Manufactured in Australia by:

Unit 2,  
172 Beringarra Avenue,  
Malaga WA 6090

Telephone: (08) 9249 1044  
Facsimile: (08) 9249 2202

 **Electric Control**  
PRODUCTS

www.safe-t-drift.com

Sold by:

 **R&D Technology**

R&D Technology Pty Ltd Specialised Engineering Products  
Newcastle P: +61 2 4014 9000 F: +61 2 4014 9099  
Brisbane P: +61 7 3846 2644 F: +61 7 3846 2346  
Wollongong P: +61 2 4285 9978 F: +61 2 4285 9989  
Gloucester P: +61 2 6558 2986 F: +61 2 4014 9099  
Mackay P: +61 7 4952 3833 F: +61 2 4014 9099  
E: sales@rdtechnology.com.au  
website: www.rdtechnology.com.au

PUB. No. STD-SSB DEL: CB002A 04/09

# BELT MISALIGNMENT SWITCH